



Inhibitor
Part No.

00034 00937
00934 00316
00037 03128
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00355

HOLT LLOYD CORPORATION

MATERIAL SAFETY DATA SHEET

Dms 2150

SECTION I

Dec 4-2-87

MANUFACTURER'S NAME
Holt Lloyd Corporation

ADDRESS (NUMBER, STREET)
4647 Hugh Howell Road

ADDRESS (CITY, STATE, ZIP)
Tucker, Georgia 30084

HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101)

COMPOUND, BOILER, PRESERVING, LIQUID

NMFC 50093 SUB 2 BRL/BXS CL 55

CONSUMER COMMODITY ORM-D

TRADE NAME

LPS® 3 Heavy Duty Rust
Inhibitor

CHEMICAL FAMILY

Petroleum Hydrocarbons

U.S.D.A. CATEGORY

H2

EMERGENCY TELEPHONE NO.

Holt Lloyd Corporation
(404) 934-7800

MANUFACTURER'S D-U-N-S® NO.

04-221-6549

Aerosol: ORM-D-Air

Bulk: Non-restricted

SECTION II-INGREDIENTS

INGREDIENTS

	Z	TLV (UNITS)
Aliphatic Hydrocarbon CAS No. 64742-88-7 *	70	200/100
Non Hazardous Proprietary Blend	20-25	NE
Carbon Dioxide Propellant (Aerosol Only) CAS# 124-38-9	2-3	5,000

SECTION III-PHYSICAL DATA

BOILING POINT (°F)	300°	SPECIFIC GRAVITY (H ₂ O=1)	.830
VAPOR PRESSURE (mmHg)	100°F	PERCENT VOLATILE BY VOLUME (Z)	75
VAPOR DENSITY (AIR=1)	<2	EVAPORATION RATE (n-Butyl =1)	<.07
SOLUBILITY IN WATER	1	Acetate	
APPEARANCE AND ODOR	No		
Dark brown liquid, sweet, mild odor			

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	112°F T.C.C.	FLAMMABLE LIMITS of diluent	LEL	UEL
EXTINGUISHING MEDIA	Foam, dry chemical or carbon dioxide.		0.7%	6.0
SPECIAL FIRE FIGHTING PROCEDURES	Do not use water. Treat as combustible petroleum distillates.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Excessive heat created by fire will cause aerosols to burst.			

* Solvent Naphtha, med. aliphatic

J.F. Smith 12/20/88

EFFECTS OF OVEREXPOSURE

Eyes: Irritation
Skin: Repeated or prolonged contact may cause drying of skin.
Inhalation: Headache, dizziness, nausea and anesthetic effects.

PRIMARY ROUTE(S) OF ENTRY: Inhalation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None from normal exposure.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with copious amounts of cold water and contact physician.
Skin: Wash with soap and water and then apply medicated skin cream.
Inhalation: Move to fresh air and contact physician.
Ingestion: Contains aliphatic hydrocarbons and petroleum oil. Do not induce vomiting. Contact physician immediately. Minute amount aspirated into lungs during ingestion may cause severe pulmonary injury.

SECTION VI-REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Avoid sparks or open flames (See handling & storing precautions.)

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as liquid chlorine, concentrated oxygen or sodium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water courses by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations for petroleum distillates.

RCRA HAZARDOUS WASTE NO.: D 001

REPORTABLE QUANTITY: 1000 Kg

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.


VENTILATION: Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

PROTECTIVE GLOVES: Use solvent resistant gloves for liquid handling.

EYE PROTECTION: Use face shield or goggles when spraying or splashing.

OTHER PROTECTIVE EQUIPMENT: None

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store aerosols below 120°F and above 32°F. Store bulk below 150°F and above 32°F. Store away from ignition sources and avoid breathing vapors. Wash hands with soap and water after use or before breaks and lunch and at the end of work periods. Remove contaminated clothing and laundry before reuse.


Holt Lloyd Corporation

Technical Service Manager

February 20, 1987
Telephone No.: 1-800-241-8334